



Identification Label

TRENDS IN INTERNATIONAL MATHEMATICS AND SCIENCE STUDY

Teacher Questionnaire Science

<Grade 4>

<TIMSS National Research Center Name>

<Address>



TIMSS & PIRLS
International
Lynch School of Education, Boston College

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Teacher *Questionnaire*

Your school has agreed to participate in TIMSS 2015 (Trends in International Mathematics and Science Study), an educational research project sponsored by the International Association for the Evaluation of Educational Achievement (IEA). TIMSS measures trends in student achievement in mathematics and science and studies differences in national education systems in almost 60 countries in order to help

TIMSS 2015

About You

G1

By the end of this school year, how many years will you have been teaching altogether?

_____ years
Please **round** to the nearest whole number.

G2

Are you female or male?

Check **one** circle only.

F --- A
--- A

G3

How old are you?

Check **one** circle only.

25 --- A
25 29 --- A
30 39 --- A
40 49 --- A
50 59 --- A
60 --- A

G4

What is the highest level of formal education you have completed?

Check **one** circle only.

D < I CED L 3> --- A
< I CED L 3> --- A _____

(If you have not completed
<pe 6 .2T(9) .edusq 658442 Tm(A)Tj/T10 Tf.7Td?

G5

A. During your <post-secondary> education, what was your major or main area(s) of study?

Check **one** circle for each line.

	Yes	No
) E /E	----- <input type="radio"/> A	----- <input type="radio"/> A
) E	----- <input type="radio"/> A	----- <input type="radio"/> A
)	----- <input type="radio"/> A	----- <input type="radio"/> A
)	----- <input type="radio"/> A	----- <input type="radio"/> A
) < >	----- <input type="radio"/> A	----- <input type="radio"/> A
)	----- <input type="radio"/> A	----- <input type="radio"/> A

B. If your major or main area of study was education, did you have a <specialization> in any of the following?

Check **one** circle for each line.

	Yes	No
)	----- <input type="radio"/> A	----- <input type="radio"/> A
)	----- <input type="radio"/> A	----- <input type="radio"/> A
) L /	----- <input type="radio"/> A	----- <input type="radio"/> A
)	----- <input type="radio"/> A	----- <input type="radio"/> A

G9

How often do you have the following types of interactions with other teachers?

Check **one** circle for each line.

	Very often	Often	Sometimes	Never or almost never
) D	----- A	----- A	----- A	----- A
) C	----- A	----- A	----- A	----- A
) I	----- A	----- A	----- A	----- A
)	----- A	----- A	----- A	----- A
)	----- A	----- A	----- A	----- A
)	----- A	----- A	----- A	----- A
)	----- A	----- A	----- A	----- A
)	----- A	----- A	----- A	----- A

G10

How often do you feel the following way about being a teacher?

Check **one** circle for each line.

	Very often	Often	Sometimes	Never or almost never
) I	----- A	----- A	----- A	----- A
) I	----- A	----- A	----- A	----- A
) I	----- A	----- A	----- A	----- A
) I	----- A	----- A	----- A	----- A
)	----- A	----- A	----- A	----- A
) I	----- A	----- A	----- A	----- A
) I	----- A	----- A	----- A	----- A

G11

Indicate the extent to which you agree or disagree with each of the following statements.

Check **one** circle for each line.

		Agree a lot						
			Agree a little					
				Disagree a little				
					Disagree a lot			
)	-----	A	—	A	—	A	—	A
) |	-----	A	—	A	—	A	—	A
) |	-----	A	—	A	—	A	—	A
) |	-----	A	—	A	—	A	—	A
) |	-----	A	—	A	—	A	—	A
) |	-----	A	—	A	—	A	—	A
) |	-----	A	—	A	—	A	—	A
) |	-----	A	—	A	—	A	—	A
) |	-----	A	—	A	—	A	—	A

G12

A. How many students are in this class?

_____ students
Write in the number.

B. How many of the students in #G12A are in <fourth grade>?

_____ <fourth grade> students
Write in the number.

G13

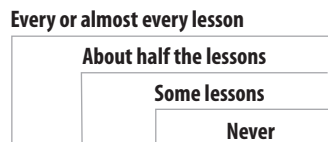
How many <fourth grade> students experience difficulties understanding spoken <language of test>?

_____ students in this class
Write in the number.

S3

In teaching science to the students in this class, how often do you ask them to do the following?

Check **one** circle for each line.



) L ----- A - A - A - A

) ----- A - A - A - A

) ----- A - A - A - A

) D ----- A - A - A - A

) C ----- A - A - A - A

) ----- A - A - A - A

) I ----- A - A - A - A

) ----- A - A - A - A

) ----- A - A - A - A

) H ----- A - A - A - A

) D ----- A - A - A - A

) ----- A - A - A - A

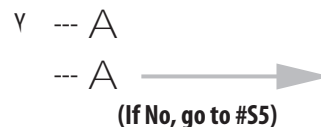
) ----- A - A - A - A

) ----- A - A - A - A

S4

A. Do the students in this class have computers (including tablets) available to use during their science lessons?

Check **one** circle only.



If Yes,

B. What access do the students have to computers?

Check **one** circle for each line.



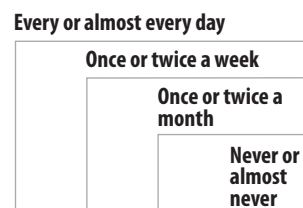
) E ----- A - A

) ----- A - A

) ----- A - A

C. How often do you have the students do the following activities on computers during science lessons?

Check **one** circle for each line.



) ----- A - A - A - A

) L ----- A - A - A - A

) D ----- A - A - A - A

) ----- A - A - A - A



Choose the response that best describes when the students in this class have been taught each topic. If a topic was in the curriculum before the <fourth grade>, please choose "Mostly taught before this year." If a topic was taught half this year but not yet completed, please choose "Mostly taught this year." If a topic is not in the curriculum, please choose "Not yet taught or just introduced."

Check **one** circle for each line.

- Mostly taught before this year
- Mostly taught this year
- Not yet taught or just introduced

C. Earth Science

) C (, E , (. ,) ----- A - A - A

) (, E (. , , ,) ----- A - A - A

) , , ----- A - A - A


) E ----- A - A - A

) (, E , , E) (E ----- A - A - A

S6

A. How often do you usually assign science homework to the students in this class?

Check **one** circle only.

I --- A 
 (Go to #S7)

L --- A

 1 2 --- A

 3 4 --- A

 E --- A

B. When you assign science homework to the students in this class, about how many minutes do you usually assign? (Consider the time it would take an average student in your class.)

Check **one** circle only.

15 --- A

16 30 --- A

31 60 --- A

60 --- A

C. How often do you do the following with the science homework assignments for this class?

Check **one** circle for each line.

Always or almost always

Sometimes

Never or almost never

) C --- A - A - A

) D ----- A - A - A

) --- A - A - A

S7

How much emphasis do you place on the following sources to monitor students' progress in science?

Check **one** circle for each line.

Major emphasis

Some emphasis

Little or no emphasis

) A ----- A - A - A

) C (----- A - A - A

) ----- A - A - A

S8

In the past two years, have you participated in professional development in any of the following?

Check **one** circle for each line.

Yes

No

) ----- A — A

) / ----- A — A

) ----- A — A

How well prepared do you feel you are to teach the following science topics?

If a topic is not in the <fourth grade> curriculum or you are not responsible for teaching this topic, please choose "Not applicable."

Check **one** circle for each line.

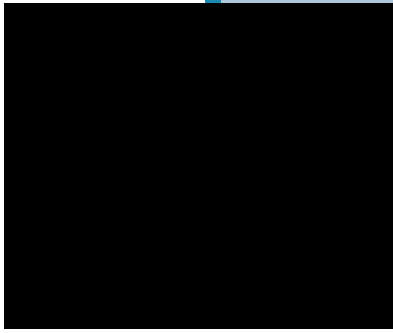
- Not applicable
- Very well prepared
- Somewhat prepared
- Not well prepared

C. Earth Science

)	C	(	E	,	,	,	,	,	)	-----	A	-	A	-	A	-	A
)	↑	)	E							-----	A	-	A	-	A	-	A
)										-----	A	-	A	-	A	-	A
)										-----	A	-	A	-	A	-	A
)		(	,	E	,	,			)	-----	A	-	A	-	A	-	A
)										-----	A	-	A	-	A	-	A
)			E	,						-----	A	-	A	-	A	-	A
)			E	,						-----	A	-	A	-	A	-	A

Thank You

Thank you for the thought, time, and effort you have put into completing this questionnaire.



<Grade 4>